

ABSTRACT OF THE DISCLOSURE

A bubble-jet type ink jet printhead and manufacturing method thereof are provided. In the printhead, a manifold for supplying ink and a concave ink chamber is integrated with a substrate by being recessed from the same surface of the substrate, and a nozzle palate on the substrate in which a nozzle is formed and a round-shaped heater surrounding the nozzle are integrated without a complex process such as bonding. Thus, this simplifies the manufacturing procedure and facilitates high volume production. Furthermore, the round-shaped heater forms a doughnut-shaped bubble to eject ink, thereby preventing a back flow of ink as well as formation of satellite droplets which may degrade image resolution.